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NOTICE OF ALLOWANCE AND FEE(S) DUE

GRIFFIN & SZIPL, PC SUITE PH-1 2300 NINTH STREET, SOUTH ARLINGTON, VA 22204 EXAMINER
POLYANSKY, ALEXANDER

ART UNIT PAPER NUMBER

1735
DATE MAILED: 01/05/2012

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/597,233	07/17/2006	Keiichiro Oishi	MIKI0002	8092

TITLE OF INVENTION: STRUCTURE USED IN SEAWATER, COPPER ALLOY WIRE OR BAR FORMING THE STRUCTURE, AND METHOD FOR MANUFACTURING THE COPPER ALLOY WIRE OR BAR

APPLN. TYPE SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE nonprovisional NO \$1740 \$300 \$0 \$2040 04/05/2012

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (571)-273-2885

ppropriate. All further condicated unless corrected anintenance fee notifications.	d below or directed oth	ng the Patent, advance on the rest of the Patent, advance of the rewise in Block 1, by (a	rders and notification of a) specifying a new corre	maintenance fees was espondence address;	ill be mailed to the current and/or (b) indicating a separate	correspondence address as arate "FEE ADDRESS" for
		ock 1 for any change of address)	Fee par	e(s) Transmittal. This pers. Each additional	nailing can only be used for s certificate cannot be used for paper, such as an assignme of mailing or transmission.	or any other accompanying
GRIFFIN & SZ SUITE PH-1 2300 NINTH STI ARLINGTON, V	REET, SOUTH	/2012	Sta	ereby certify that thi tes Postal Service w tressed to the Mail	ificate of Mailing or Trans s Fee(s) Transmittal is being ith sufficient postage for fir Stop ISSUE FEE address O (571) 273-2885, on the da	g deposited with the United st class mail in an envelope above, or being facsimile
111211101011,						(Depositor's name)
						(Signature)
						(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTO	₹	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/597,233	07/17/2006	•	Keiichiro Oishi	•	MIKI0002	8092
IANUFACTURING TH	E COPPER ALLOY W	TRE OR BAR			STRUCTURE, AND METH	
APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE			
nonprovisional	NO	\$1740	\$300	\$0	\$2040	04/05/2012
EXAMI	NER	ART UNIT	CLASS-SUBCLASS			
POLYANSKY, A	ALEXANDER	1735	119-223000	_		
"Fee Address" indic PTO/SB/47; Rev 03-02 Number is required. ASSIGNEE NAME AN PLEASE NOTE: Unle	ondence address (or Cha 7122) attached. cation (or "Fee Address 2 or more recent) attached ND RESIDENCE DATA cass an assignee is ident in 37 CFR 3.11. Comp	inge of Correspondence "Indication form ed. Use of a Customer A TO BE PRINTED ON	data will appear on the	o 3 registered patent ively, the firm (having as a agent) and the name orneys or agents. If reprinted. Type) patent. If an assigned assignment.	member a so of up to so name is 3	ocument has been filed for
		categories (will not be pr	<u> </u>		rporation or other private gro	
a. The following fee(s) are submitted: Issue Fee Publication Fee (No small entity discount permitted) Advance Order - # of Copies			Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form).			
**	SMALL ENTITY statu	us. See 37 CFR 1.27.	☐ b. Applicant is no los	nger claiming SMAL	L ENTITY status. See 37 Cl	FR 1.27(g)(2).
OTE: The Issue Fee and iterest as shown by the re	Publication Fee (if requeecords of the United Sta	uired) will not be accepte tes Patent and Trademark	d from anyone other than Office.	the applicant; a regis	tered attorney or agent; or the	ne assignee or other party in
Authorized Signature _				Date		
Typed or printed name				Registration No	0	
his collection of informa n application. Confidenti abmitting the completed his form and/or suggestic	tion is required by 37 Cality is governed by 35 application form to the	CFR 1.311. The informatic U.S.C. 122 and 37 CFR USPTO. Time will vary rden, should be sent to th	on is required to obtain or 1.14. This collection is es depending upon the indi e Chief Information Offic	retain a benefit by the stimated to take 12 n vidual case. Any conter, U.S. Patent and T	ne public which is to file (and inutes to complete, includir mments on the amount of tin Frademark Office, U.S. Dep	by the USPTO to process) ag gathering, preparing, and me you require to complete artment of Commerce, P.O.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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10/597,233	07/17/2006	Keiichiro Oishi	MIKI0002 8092		
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			POLYANSKY, ALEXANDER		
			ART UNIT	PAPER NUMBER	
			1735		

DATE MAILED: 01/05/2012

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 468 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 468 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- 1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- 3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- 9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Examiner-Initiated Interview Summary	10/597,233 OISHI, KEIICHIR		0	
Examiner-initiated lifterview Summary	Examiner	Art Unit		
	Alexander Polyansky	1735		
All participants (applicant, applicant's representative, PTO	personnel):			
(1) <u>Alexander Polyansky</u> .	(3)			
(2) <u>Dr. Ashton</u> .	(4)			
Date of Interview: <u>12 December 2011</u> .				
Type: X Telephonic Video Conference Personal [copy given to: Applicant	applicant's representative]			
Exhibit shown or demonstration conducted: Yes If Yes, brief description:	⊠ No.			
Issues Discussed 101 112 102 103 Other (For each of the checked box(es) above, please describe below the issue and details				
Claim(s) discussed: <u>7-17, 19-21, 33-62, 67-80, 85-89, 93-9</u>	07, 99-101,103-105 and 107-10	<u>09</u> .		
Identification of prior art discussed: Furukuwa, Hasegawa.				
Substance of Interview (For each issue discussed, provide a detailed description and indicate if agreement reference or a portion thereof, claim interpretation, proposed amendments, argument and indicate if agreement reference or a portion thereof, claim interpretation, proposed amendments, argument in the proposed amendment in	ents of any applied references etc)			
product and method. Applicants agreed and filed a Suppleichanges.	mental Amendment on Decem	ber 16, 2011 with	h the	
Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.				
Examiner recordation instructions : Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.				
☐ Attachment				
/Alexander Polyansky/ Examiner, Art Unit 1735				

Application No.

Applicant(s)